



FORM PTO-449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>	ATTY. DOCKET NO.: OC01643K1	SERIAL NO.: 10/680,393
	APPLICANT: Arthur G. Taveras, et al.	
	FILING DATE: 10/07/2003	GROUP: To Be Assigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
YD	AA	6,420,396 B1	07/16/02	Albers, et al.			
	AB	5,206,252	04/27/93	Butera, et al.			
	AC	5,354,763	10/11/94	Butera, et al.			
	AD	5,397,790	03/14/95	Butera, et al.			
	AE	5,401,753	03/28/95	Butera, et al.			
	AF	5,403,853	04/04/95	Butera, et al.			
	AG	5,466,712	11/14/95	Butera, et al.			
	AH	5,506,252	04/09/96	Butera, et al.			
	AI	5,532,245	07/02/96	Butera, et al.			
	AJ	6,376,555 B1	04/23/02	Butera, et al.			
	AK	4,170,588	10/09/79	Hegenberg, et al.			
	AL	4,639,523	01/27/87	Nohara, et al.			
	AM	5,840,764	11/24/98	Quagliato, et al.			
	AN	2001/0018447 A1	08/30/01	Widdowson, et al.			
	AO	6,300,325 B1	10/09/01	Widdowson, et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
		AP DE 33 89 655 A1	09/20/84	GERMANY	Not	translated		
YD	✓	AQ EP 0 099 121 A2	01/25/84	EP				
	✓	AR EP 0 376 079 A	07/04/90	EP				
	✓	AS EP 0 275 997 A	07/27/88	EP				
	✓	AT EP 0 796 243 B1	01/27/99	EP				
	✓	AU GB 1,186,096	04/02/70	Great Britain				
	✓	AV WO 94/29277	12/22/94	WIPO				
	✓	AW WO 95/14005	05/26/95	WIPO				
	✓	AX WO 96/14300	05/17/96	WIPO				
	✓	AY WO 96/15103	05/23/96	WIPO				
	✓	AZ WO 98/33763	08/06/98	WIPO				
	✓	BA WO 00/20378	04/13/00	WIPO				
	✓	BB WO 00/21927 A	04/20/00	WIPO				
	✓	BC WO 00/35855	06/22/00	WIPO				
	✓	BD WO 00/35864	06/22/00	WIPO				
	✓	BE WO 00/73260 A1	12/07/00	WIPO				
	✓	BF WO 01/29000 A2	04/26/01	WIPO				
	✓	BG WO 01/64208 A1	09/07/01	WIPO				
	✓	BH WO 01/64691 A1	09/07/01	WIPO				
	✓	BI WO 01/68569 A2	09/20/01	WIPO				
	✓	BJ WO 01/92202 A1	12/06/01	WIPO				
	✓	BK WO 02/057230	07/25/02	WIPO				
	✓	BL WO 02/067919	09/06/02	WIPO				
	✓	BM WO 02/076926 A	10/03/02	WIPO				
	✓	BN WO 02/083624 A1	10/24/02	WIPO				
	✓	BO WO 03/031440 A1	04/17/03	WIPO				
	✓	BP WO 03/057676 A1	07/17/03	WIPO				
	✓	BQ WO 03/080053 A1	10/02/03	WIPO				

EXAMINER T. A. Solola	DATE CONSIDERED 7-19-05
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				APPLICANT: Arthur G. Taveras, et al.	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
*	BR	esp@cenet Document, "1,2,5-Thiadiazole 1-oxides and 1,1-dioxides, process for their preparation and their use as medicaments" (for DE33 09 655 which is attached to said esp document)			
* *	BS	Chemical Abstract 66:18527 for Maas, Guenther, et al., "Syntheses and derivatives of squaric acid," <i>Angewandte Chemie</i> 78(20):927-31 (1966) (which is attached to said abstract)			
40	BT	✓ Chemical Abstract 87:134383 for Augustin, Manfred, et al., "Disubstitution in 2,3-dichloromaleimides" <i>Zeitschrift Fuer Chemie</i> 17(6):215-216 (1977) (which is attached to said abstract)			
	BU	✓ Chemical Abstract No. 87:151727 for Ehrhardt, Heinz, et al., "Amides and thioamides of squaric acid: syntheses and reactions," <i>Chemische Berichte</i> 110(7):2506-23 (1977) (which is attached to said abstract)			
	BV	Chemical Abstract 102:24633 for Stegelmeier, Hartmut, et al., "1,2,5-Thiadiazole-1-oxide and 1,1-dioxides and their use as pharmaceuticals" (for DE3309655 which is attached to said abstract)			
	BW	✓ Chemical Abstract 104:129517 for Gruenefeld, Johann, et al., "Reactions of squaric acid with carbodiimides," <i>Archiv der Pharmazie</i> 318(12):1062-70 (1985) (which is attached to said abstract)			
	BX	✓ Chemical Abstract No. 122:160745 for Tillack, Annegret, et al., "Asymmetric catalysis. IV. Hydrosilylation of acetophenone with pyrrolidine-2,5-dione modified [Rh(COD)C1]2 catalyst," <i>Journal of Organometallic Chemistry</i> 482:85-91 (1994) (which is attached to said abstract)			
	BY	✓ Chemical Abstract No. 125:300482 for Chen, Yizhao, et al., "Reaction of dibutyl oxosquarate with aromatic primary amines," <i>Sichuan Daxue Xuebao, Ziran Kexueban</i> 33(2):182-186 (1996) (which is attached to said abstract)			
	BZ	✓ Chemical Abstract No. 130:222994 for Chen, Yi-Zhao, et al., "Synthesis of asymmetric aryl-substituted amides of squaric acid and asymmetric isosquarylium amides," <i>Hechen Huaxue</i> 6(4):383-392 (1998) (which is attached to said abstract)			
	CA	✓ Butera, John A., et al., "Design and SAR of Novel Potassium Channel Openers Targeted for Urge Urinary Incontinence. 1. N-Cyanoguanidine Bioisosteres Possessing in Vivo Bladder Selectivity," <i>J. Med. Chem.</i> 43:1187-1202 (2000)			
	CB	✓ Davis, Peter D., et al., "Inhibitors of protein kinase C 1. 2,3-Bisarylmaleimides," <i>J. Med. Chem.</i> 35:177-184 (1992)			
	CC	✓ Hanaineh-Abdelnour, Leila, et al., "Some synthetic applications of 2,3-Dichloro-N-phenylmaleimide: A Novel Synthesis of 2-Phenylpyrrolo[3,4-b]quinoxaline-1,3-diones. I," <i>Tetrahedron</i> 55:11859-11870 (1999)			
	CD	✓ Hoffman, Jacob M., et al., "Conformational Requirements of Histamine H ₂ -Receptor Inhibitors: Structure-Activity Study of Phenylene Analogues Related to Cimetidine and Tiotidine," <i>Journal of Medicinal Chemistry</i> 26(2):140-44 (1983)			
	CE	✓ Karady, Sandor, et al., "1,2,5-Thiadiazole-1-Oxides. I. Synthesis and Reactions of Alkoxy and Alkylthio Analogs," <i>Heterocycles</i> 16(9):1561-4 (1981)			
	CF	✓ Martinez, Ana, et al., "Synthesis of Nonsymmetrically 3,4-Disubstituted 1,2,5-Thiadiazole Dioxides," <i>Journal of Heterocyclic Chemistry</i> 35(2):297-300 (1998)			
	CG	Neuse, Eberhard W., et al., "Poly(squaryl amides)" <i>Polymer</i> 15:339-45 (1974)			
	CH	✓ Patent Abstracts of Japan, vol. 018, no. 361 (c-1222), July 7, 1994 and JP 06 092915A, April 5, 1994 abstract			
	CI	✓ Schostarez, Heinrich J., et al., "Cyanoguanidine Bioisosteres in Potassium Channel Openers: evaluation of 3,4-Disubstituted-1,2,5-Thiadiazole-1-Oxides," <i>Bioorganic & Medicinal Chemistry Letters</i> 6(18):2187-92 (1996)			
↓	CJ	✓ Wen, Richard Y., et al., "The Chemistry of 1,2,5-Thiadiazoles. II. 3,4-Disubstituted Derivatives of 1,2,5-Thiadiazole 1,1-Dioxide," <i>J. Org. Chem.</i> 40(19):2743-8 (1975)			
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~~* Citation not in proper format. No citation. * duplicate~~
 ** Not translated.

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